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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

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|------------------------|---------------------------|
| Application Number | 09/727,030 |
| Filing Date | November 30, 2000 |
| First Named Inventor | Patrick N. Gilles, et al. |
| Group Art Unit | 1645 |
| Examiner Name | Not Yet Assigned |
| Attorney Docket Number | 612404-370 (form 259/163) |

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| Examiner Initials * | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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Sheet **2** of **3**

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| Sheet | 3 | of | 3 | Attorney Docket Number | 612404-370 (form 259/163) |

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| Examiner Signature | | Date Considered | 4-28-04 |
|--------------------|--|-----------------|---------|

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LIST OF PATENTS AND OTHER REFERENCES FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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ATTY. DOCKET NO.
259/163

SERIAL NO.
09/727,030

APPLICANT
Patrick J. Gilles, et al.

FILING DATE
11/30/2000

GROUP:
Not Yet Assigned

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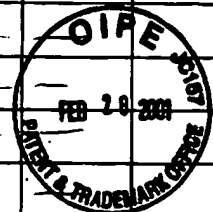
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| LIST OF PATENTS AND OTHER REFERENCES FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT | APPLICANT Patrick N. Gilles, et al. | |
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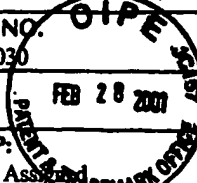
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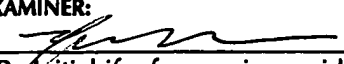
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| | APPLICANT: Patrick N. Gilles, et al. | |
| | FILED DATE: 11/30/2000 | GROUP: Not Yet Assigned |
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| | DP | Beltz et al., "Isolation of Multigene Families and Determination of Homologies by Filter Hybridization Methods," <u>Methods in Enzymology</u> , 100:266-285 (1983) |
| | DQ | Brown et al. "Electrochemically Induced Adsorption of Radio-Labelled DNA on Gold and HOPG Substrates for STM Investigations." <u>Ultramicroscopy</u> , 38 1991, 253-264 |
| | DR | Conner et al., "Detection of Sickle Cell β^1 Globin Allele By Hybridization With Synthetic Oligonucleotides," <u>Proc. Natl. Acad. Sci. USA</u> , 80:278-282 (1983) |
| | DS | Drmanac et al., "Sequence of Magabase Plus DNA by Hybridization : Theory of the Method," <u>Genomics</u> , 4:114-128 (1989) |
| | DT | Drmanac et al., "DNA Sequence Determination by Hybridization: A Strategy for Efficient Large-Scale Sequencing," <u>Science</u> , 260: 1649-1652 (1993) |
| | DU | Eggers et al. "Biochip Technology Development," BioChip Technology Development, Lincoln Laboratory Technical Report 901, Nov. 9, 1990 |
| | DV | Fodor et al., "Multiplexed Biochemical Assays With Biological Chips," <u>Nature</u> , 364:555-556 (1993) |
| | DW | Fodor et al., "Light-Directed, Spatially Addressable parallel Chemical Synthesis," <u>Science</u> , 251: 767-773 (1992) |
| / | DX | Gills, et al. "Single nucleotide polymorphic discrimination by an electronic dot blot assay on semiconductor microchips" <u>Nature Biotechnology</u> , Vol 17 April 1999 pp 365-370 |
| / | DY | Gryaznov et al. "Enhancement of selectivity in recognition of nucleic acids via chemical autoligation," <u>Nucleic Acids Research</u> , 1994, Vol. 22 No. 12 pp 2366-2369 (1994 University Press) |
| | DZ | Horejsi, "Some Theoretical Aspects of Affinity Electrophoresis," <u>Journal of Chromatography</u> , 178:1-13 (1979) |
| | EA | Horejsi et al., "Determination of Dissociation Constants of Lectin Sugar Complexes by Means of Affinity Electrophoresis, <u>Biochimica et Biophysica Acta</u> , 499:200-300 (1977) |
| | EB | Kakerow et al., "A Monolithic Sensor Array of Individually Addressable Microelectrodes," <u>Sensors and Actuators A</u> , 43 (1994) 296-301 |
| | EC | Mathews, Kricka. "Analytical Strategies For The Use of DNA Probes," <u>Analytical Biochemistry</u> , 169, 1988, 1-25 |
| | ED | Palecek. "New Trends in Electrochemical Analysis of Nucleic Acids," <u>Bioelectrochemistry and Bioenergetics</u> , 20, 1988, 179-194 |
| | EE | Ranki et al., "Sandwich Hybridization as a Convenient Method for the Detection of Nucleic Acids in Crude Samples," <u>Gene</u> , 21:77-85 (1983) |
| | EF | Saiki, "Amplification of Genomic DNA," <u>PCR Protocols: A Guide to Methods and Applications</u> , (Academic Press, Inc. 1990), pp 13-20 |
| | EG | Southern et al., "Analyzing and Comparing Nucleic Acid Sequences by Hybridization to Arrays of Oligonucleotides Evaluation Using Experimental Models," <u>Genomics</u> , 13:1008-1017 (1992) |
| / | EH | Sosnowski et al. "Rapid determination of single base mismatch mutations in DNA hybrids by direct electric field control," <u>Proc. Natl. Acad. Sci. USA</u> Vol. 94, pp. 1119-1123, February 1997 Biochemistry |
| / | EI | Strezoska et al., "DNA Sequencing by Hybridization: 100 Bases Read by a Non-Gel Based Method," <u>Proc. Natl. Acad. Sci. USA</u> , 88:10089-93 (1991) |
| | EJ | Wallace et al., "Hybridization of Synthetic Oligodeoxynucleotides to ϕ x 174 DNA: The Effect of Single Base Pair Mismatch," <u>Nucleic Acid Res.</u> , 6:3543-3557 (1979) |
| | EK | Washizu, "Electrostatic Manipulation of Biological Objects," <u>Journal of Electrostatics</u> , 25:109-123 (1990) |
| | EL | Washizu and Kurosawa, "Electrostatic Manipulation of DNA in Microfabricated Structures," <u>IEEE Transactions on Industry Applications</u> , 26:1165-1172 (1990) |

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